PATENT ABSTRACTS OF JAPAN

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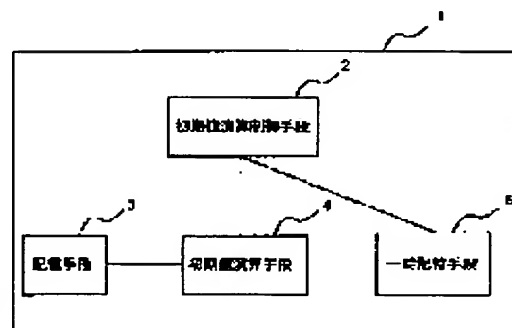|	
(21)Application number : 05-324814	(71)Applicant : RICOH CO LTD
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(54) GENERATING DEVICE FOR INITIAL VALUE OF RANDOM NUMBER

(57)Abstract:
PURPOSE: To generate the initial value of different random numbers every time a computer system is restarted by processing the data value stored in a storage means kept in an uninitialized state into the initial value and storing temporarily this initial value.
CONSTITUTION: An initial value arithmetic control means 2 controls an initial value arithmetic means 4 so that it can start when a computer and an operating system are started. The means 4 divides the data which are stored in an entire part or a part of a storage means 3 into the basic units. When the initial value is calculated out of those data stored in the storage means 3, such a method is applied that the result of calculation can be satisfactorily scattered. The calculation result of the initial value obtained by the means 4 is stored in a temporary storage means 5. The initial value of a random number is calculated in such a way so that the random numbers of different time series are generated at each time without using any special hardware. Thus the uniformity of random numbers is improved.

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